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Masahiro
      Daikin Industries, Ltd., Japan
 PΑ
      Jpn. Kokai Tokkyo Koho, 7 pp.
      CODEN: JKXXAF
 DT
      Patent
 LA
      Japanese
 FAN.CNT 1
      PATENT NO.
                          KIND
                                 DATE
                                             APPLICATION NO.
                                                                     DATE
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                                                                     -----
 PΙ
      JP 04110388
                                 19920410
                           A2
                                              JP 1990-231618
                                                                     19900831
 PRAI JP 1990-231618
                                 19900831
 OS
      MARPAT 117:133850
      Organic compds. C3HmFn (m = 1-5, n = 1-5, and m + n = 6) containing 1 double
 AB
 bond
      are used as heat transfer fluids in refrigerators or heat pumps.
 IC
      ICM C09K005-04
      48-5 (Unit Operations and Processes)
 CC
      heat transfer fluid; refrigeration coolant; working fluid heat pump
 ST
      Heat transfer
 IT
         (fluids for, in refrigerators or heat pumps)
 IT
      Heat pumps
         (working fluids, fluoropropenes as)
 ΙT
     Refrigeration
         (agents, fluoropropenes as)
     563-85-9, 1,1,2-Trifluoro-1-propene 677-21-4,
      3,3,3-Trifluoro-1-propene 754-12-1 1184-60-7
     1645-83-6
     RL: USES (Uses)
         (heat transfer fluids, for refrigerators or
        heat pumps)
IT
     563-85-9, 1,1,2-Trifluoro-1-propene 677-21-4,
     3,3,3-Trifluoro-1-propene 754-12-1 1184-60-7
     1645-83-6
     RL: USES (Uses)
        (heat transfer fluids, for refrigerators or
        heat pumps)
     563-85-9 HCAPLUS
RN
     1-Propene, 1,1,2-trifluoro- (9CI) (CA INDEX NAME)
CN
   CF<sub>2</sub>
F-C-Me
RN
     677-21-4 HCAPLUS
CN
     1-Propene, 3,3,3-trifluoro- (9CI) (CA INDEX NAME)
F_3C-CH=CH_2
```

1-Propene, 2,3,3,3-tetrafluoro- (9CI) (CA INDEX NAME)

RN

CN

754-12-1 HCAPLUS

```
CH<sub>2</sub>
||
F-C-CF<sub>3</sub>
```

RN 1184-60-7 HCAPLUS

CN 1-Propene, 2-fluoro- (9CI) (CA INDEX NAME)

CH<sub>2</sub> || F-C-CH<sub>3</sub>

RN 1645-83-6 HCAPLUS

CN 1-Propene, 1,3,3,3-tetrafluoro- (9CI) (CA INDEX NAME)

F3C-CH-F

L30 ANSWER 32 OF 42 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 1992:135528 HCAPLUS

DN 116:135528

TI Performance-oriented packaging standards; changes to classification, hazard communication, packaging and handling requirements based on UN standards and agency initiative

CS United States Dept. of Transportation, Washington, DC, 20590-0001, USA

SO Federal Register (1990), 55(246), 52402-729, 21 Dec 1990 CODEN: FEREAC; ISSN: 0097-6326

DT Journal

LA English

The hazardous materials regulations under the Federal Hazardous Materials Transportation Act are revised based on the United Nations recommendations on the transport of dangerous goods. The regulations cover the classification of materials, packaging requirements, and package marking, labeling, and shipping documentation, as well as transportation modes and handling, and incident reporting. Performance-oriented stds. are adopted for packaging for bulk and nonbulk transportation, and SI units of measurement generally replace US customary units. Hazardous material descriptions and proper shipping names are tabulated together with hazard class, identification nos., packing group, label required, special provisions, packaging authorizations, quantity limitations, and vessel stowage requirements.

CC 59-6 (Air Pollution and Industrial Hygiene)

ST hazardous chem transport packaging

IT Infection

(agents, packaging and transport of, stds. for)

IT Resin acids and Rosin acids

RL: USES (Uses)

(aluminum salts, packaging and transport of, stds. for)

IT Alkaline earth metals

RL: USES (Uses)

(amalgams, packaging and transport of, stds. for)

IT Alkali metals, miscellaneous

RL: MSC (Miscellaneous)

(amalgams, packaging and transport of, stds. for)

KATHLEEN FULLER EIC 1700 REMSEN 4B28 571/272-2505